TSG RAN Meeting #15   **RP-020013**

Cheju, Korea, 5 - 8 March 2002

Source: RAN WG4

Title : Status report for Release 99 and Release 4 specifications from RAN WG4
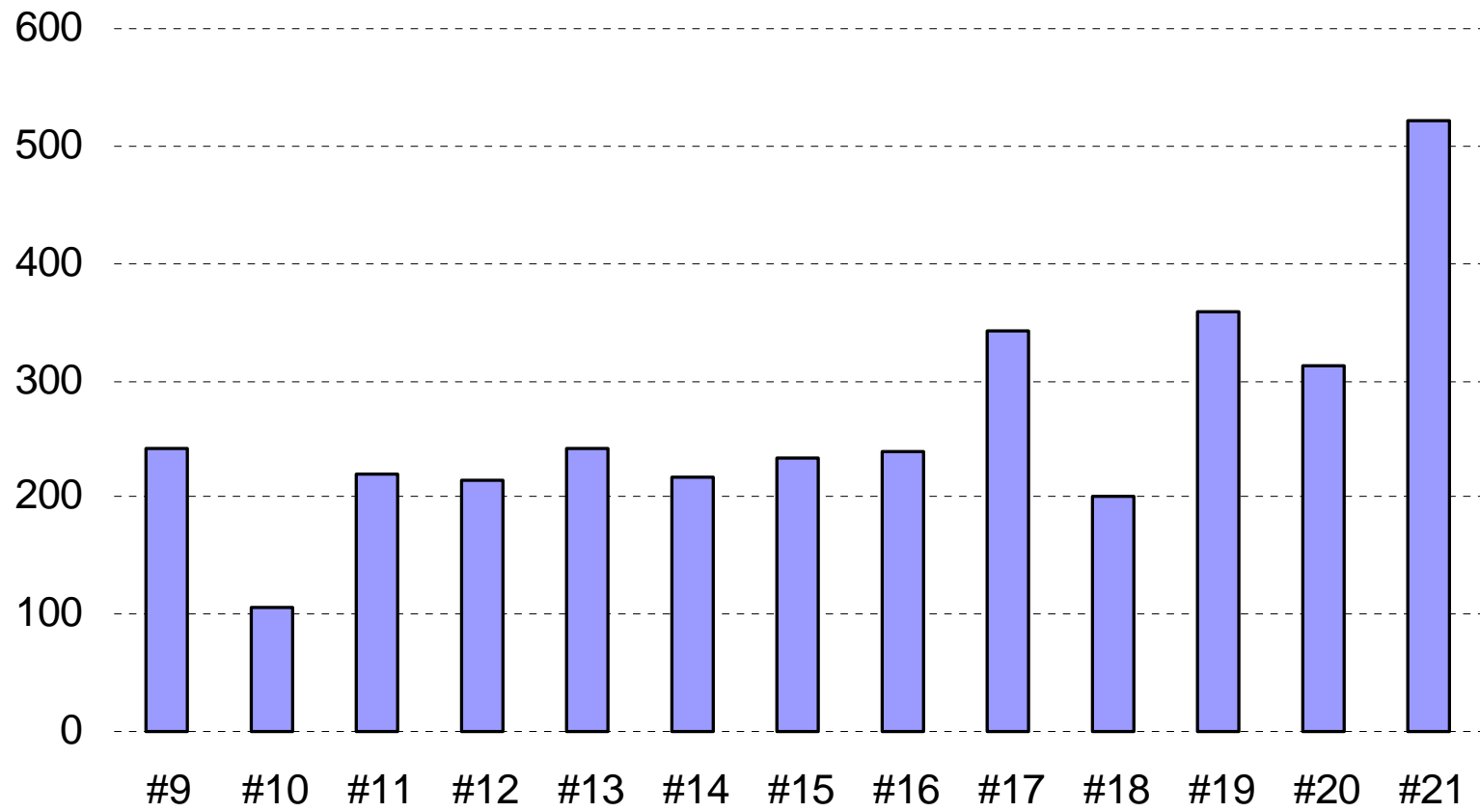
1   Introduction

This document contains the status report of the release 99 and release 4 specifications in ownership of 3GPP TSG RAN WG4 at RAN#14.

There was one RAN WG4 meeting after the last RAN meeting in Kyoto. There was the usual number of delegates (around 100), and group handled the highest number of documents ever (522 tdocs). Regarding corrections to the BTS and UE release 99 specifications, 54 CRs for essential correction were agreed on. As for release 4 specifications, 75 CRs were agreed (54 Category A). 56 CRs were agreed for Release 5 specifications (33 Category A). There will be two WG meetings before the next plenary.
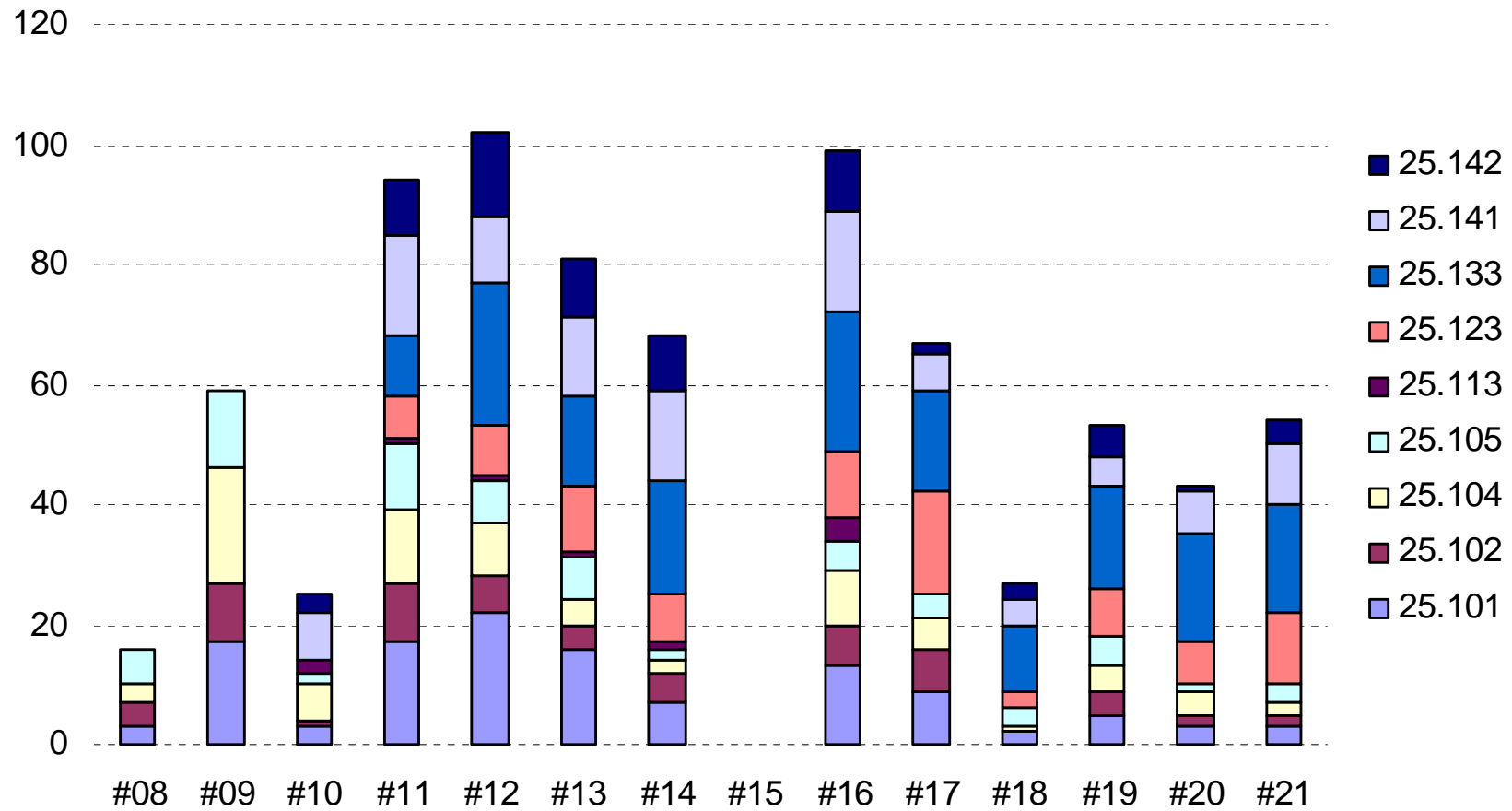
The following table contains the status for each report or specification from RAN WG4

Spec	Title	R 99			R4				(R5)			
		Curr. Ver.	After RAN	No CR	Curr. Ver.	After RAN	Cat A	Others	Curr. Ver.	After RAN	Cat A	Others
25.101	UE Radio transmission and reception (FDD)	3.9.0	3.10.0	3	4.3.0	4.4.0	3	0	5.0.0	5.1.0	3	3
25.102	UE Radio transmission and reception (TDD)	3.9.0	3.10.0	2	4.3.0	4.4.0	2	1		5.0.0		
25.104	BTS Radio transmission and reception (FDD)	3.9.0	3.10.0	2	4.3.0	4.4.0	2	0	5.0.0	5.1.0	2	5
25.105	BTS Radio transmission and reception (TDD)	3.9.0	3.10.0	3	4.3.0	4.4.0	3	5		5.0.0	0	2

Spec	Title											
25.123	Support of RF parameters in Radio Resource Management (TDD)	3.8.0	3.9.0	12	4.3.0	4.4.0	12	8		5.0.0	0	3
25.133	Support of RF parameters in Radio Resource Management (FDD)	3.8.0	3.9.0	18	4.3.0	4.4.0	18	0	5.0.0	5.1.0	18	1
25.141	Basestation conformance testing (FDD)	3.8.0	3.9.0	10	4.3.0	4.4.0	10	1	5.0.0	5.1.0	10	5
25.142	Basestation conformance testing (TDD)	3.8.0	3.9.0	4	4.3.0	4.4.0	4	5		5.0.0		2
25.113	Basestation EMC	3.5.0			4.2.0							
34.124	UE EMC	3.3.0			4.0.0							
25.941	Document Structure	3.1.0										
25.942	RF System scenarios	3.2.0			4.1.0							
25.943	Deployment aspects				4.1.0							
25.106	Repeater radio transmission and reception				4.1.0					5.0.0		1
25.143	Repeater conformance testing				4.2.0	4.3.0		1		5.0.0		1

Tdocs per meeting

Release 99 CRs per meeting

Total CRs per meeting

Legend:
- 34.124
- 25.143
- 25.142
- 25.141
- 25.133
- 25.123
- 25.113
- 25.106
- 25.105
- 25.104
- 25.102
- 25.101
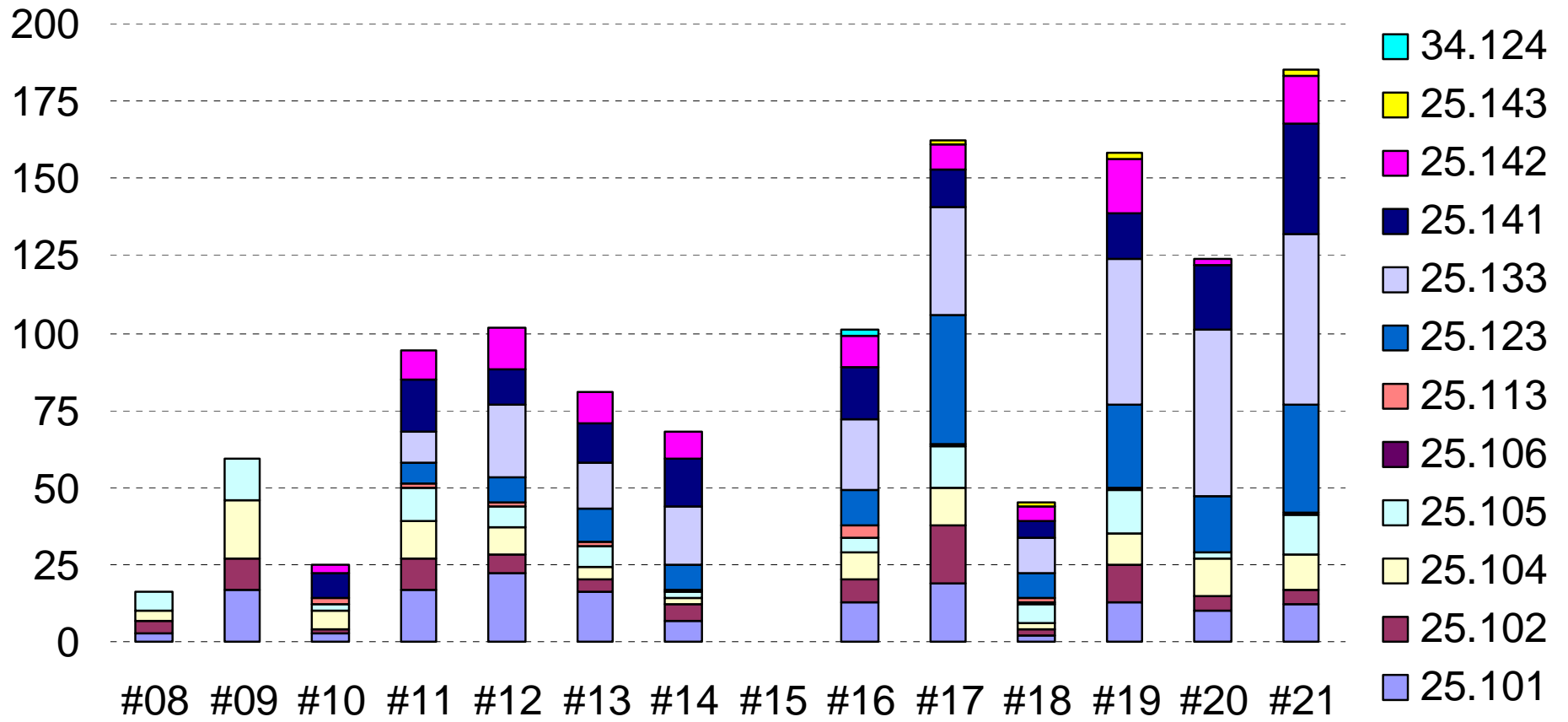
2 Items that require actions from RAN plenary

TSG RAN asks the WGs to ensure that an accurate "isolated impact" analysis was presented for each CR. TSG RAN also asked to reduce the number of clarification CRs. WG4 has had special care on both issues, in particular no clarification CRs were accepted to Rel99 and Rel4 specifications.

The issue highlighted in **RP-010808** (**R2-012772**) was studied with and CRs to 25.133 are presented (CRs 259, 260, 261).

3 25.101

3.1 Status of the document

- Corrections
  - All CRs are essential clarifications without which it would be possible to misinterpret the specifications. After discussions lasting for several meetings, an agreement was reached on the definition of the power measurements. Parallel corrections are proposed for 25.104 and 25.141.
- Remaining issues
  - None known

3.2 Change Requests presented for approval (Rel99 Cat F & corresponding Rel-4, Rel-5 Cat A)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020014	R4-020385	25.101	154	1	R99	Power setting for uplink compressed mode	F	3.9.0	3.10.0
RP-020014	R4-020386	25.101	155	1	Rel-4	Power setting for uplink compressed mode	A	4.3.0	4.4.0
RP-020014	R4-020387	25.101	156	1	Rel-5	Power setting for uplink compressed mode	A	5.1.0	5.2.0
RP-020014	R4-020489	25.101	157	1	R99	Correction of power terms and definitions	F	3.9.0	3.10.0
RP-020014	R4-020285	25.101	159		Rel-4	Correction of power terms and definitions	A	4.3.0	4.4.0
RP-020014	R4-020286	25.101	160		Rel-5	Correction of power terms and definitions	A	5.1.0	5.2.0
RP-020014	R4-020492	25.101	158	1	R99	Correction of power spectral density	F	3.9.0	3.10.0
RP-020014	R4-020293	25.101	161		Rel-4	Correction of power spectral density	A	4.3.0	4.4.0
RP-020014	R4-020294	25.101	162		Rel-5	Correction of power spectral density	A	5.1.0	5.2.0

4   25.102

4.1   Status of the document

- Corrections
  - All CRs are essential clarifications without which it would be possible to misinterpret the specifications.
- Remaining issues
  - None known

4.2   Change Requests presented for approval (Rel99 Cat F & corresponding Rel-4 Cat A: Rel-4 Cat F)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020026	R4-020348	25.102	94		Rel-4	Addition of channelization code, scrambling code and midamble code parameter for UE performance requirements (1.28Mcps TDD)	F	4.3.0	4.4.0
RP-020015	R4-020064	25.102	88		R99	UL reference measurement channel (12.2 kbps) puncturing rate and bit length correction	F	3.9.0	3.10.0
RP-020015	R4-020065	25.102	89		Rel-4	UL reference measurement channel (12.2 kbps) puncturing rate and bit length correction	A	4.3.0	4.4.0
RP-020015	R4-020373	25.102	86	1	R99	Replacement of Block STTD by Space Code Transmit Diversity (SCTD)	F	3.9.0	3.10.0
RP-020015	R4-020374	25.102	87	1	Rel-4	Replacement of Block STTD by Space Code Transmit Diversity (SCTD)	A	4.3.0	4.4.0

5   25.104

5.1   Status of the document

- Corrections

- All CRs are essential clarifications without which it would be possible to misinterpret the specifications. The SSDT requirements for the BS are removed, in accordance with RAN#14 decision. The test cases are also removed from 25.141.
- Remaining issues
  - None known

5.2 Change Requests presented for approval (Rel99 Cat F & corresponding Rel-4, Rel-5 Cat A)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020016	R4-020465	25.104	100	1	R99	Removal of BS performance requirements in SSDT mode	F	3.9.0	3.10.0
RP-020016	R4-020466	25.104	101	1	Rel-4	Removal of BS performance requirements in SSDT mode	A	4.3.0	4.4.0
RP-020016	R4-020467	25.104	102	1	Rel-5	Removal of BS performance requirements in SSDT mode	A	5.1.0	5.2.0
RP-020016	R4-020490	25.104	114	1	R99	Correction of power terms and definitions	F	3.9.0	3.10.0
RP-020016	R4-020287	25.104	116		Rel-4	Correction of power terms and definitions	A	4.3.0	4.4.0
RP-020016	R4-020288	25.104	117		Rel-5	Correction of power terms and definitions	A	5.1.0	5.2.0

6   25.105

6.1   Status of the document

- Corrections
  - All CRs are essential clarifications without which it would be possible to misinterpret the specifications. The requirements for multi carrier operation were missing. The CRs presented introduce these requirements, already present in the FDD specification and also required for regulatory reasons.
- Remaining issues
  - None known

6.2 Change Requests presented for approval by category (Rel99 Cat F & corresponding Rel-4 Cat A)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020017	R4-020068	25.105	88		R99	UL reference measurement channel (12.2 kbps) puncturing rate correction	F	3.9.0	3.10.0
RP-020017	R4-020069	25.105	89		Rel-4	UL reference measurement channel (12.2 kbps) puncturing rate correction	A	4.3.0	4.4.0
RP-020017	R4-020249	25.105	102		R99	Single and multi carrier in spurious emissions requirements	F	3.9.0	3.10.0
RP-020017	R4-020250	25.105	103		Rel-4	Single and multi carrier in spurious emissions requirements	A	4.3.0	4.4.0
RP-020017	R4-020409	25.105	99	1	R99	Consideration of multi-carrier operation in ACLR requirements	F	3.9.0	3.10.0
RP-020017	R4-020410	25.105	100	1	Rel-4	Consideration of multi-carrier operation in ACLR requirements	A	4.3.0	4.4.0
RP-020027	R4-020251	25.105	104		Rel-4	Single and multi carrier in spurious emissions requirements for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020027	R4-020411	25.105	101	1	Rel-4	Consideration of multi-carrier operation in ACLR requirements for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020027	R4-020394	25.105	98	1	Rel-4	Amendment for BS Spectrum Emission Mask of 1.28Mcps TDD option	F	4.3.0	4.4.0
RP-020027	R4-020393	25.105	97	1	Rel-4	Amendment for BS ACLR2 of 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020027	R4-020349	25.105	106		Rel-4	Addition of channelization code, scrambling code and midamble code parameter for BS performance requirements (1.28Mcps TDD)	F	4.3.0	4.4.0

7 25.106

7.1   Status of the document

- Remaining issues

The definition of Repeater in 25.106 is objected. It includes the concept of "conducted repeater", that is heavily objected since it could be used to relax the requirements of the BS amplifiers. It was also noted that some of the requirements on emissions necessary for regulatory purposes are missing in the specification. WG4 couldn't reach an agreement on these issues, although possible ways forward were identified

7.2   Change Requests presented for approval

None.

8   25.113

8.1   Status of the document

Document is stable and complete.

8.2   Change Requests presented for approval

None

9   25.123

9.1   Status of the document

Work since last RAN meeting
  - o   Introduction of missing test cases.
  - o   Various corrections.

Work not completed
  - o   Due to the recent instability of this specification RAN 4 should expect some more corrections in the next meeting.

9.2 Change Requests presented for approval (Rel99 Cat F & corresponding Rel-4 Cat A; Rel-4 Cat F)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020018	R4-020013	25.123	142		R99	Corrections to Section 9	F	3.8.0	3.9.0
RP-020018	R4-020027	25.123	156		Rel-4	Corrections to Section 9	A	4.3.0	4.4.0
RP-020018	R4-020014	25.123	143		R99	Removal of section 6 on DCA	F	3.8.0	3.9.0
RP-020018	R4-020028	25.123	157		Rel-4	Removal of section 6 on DCA	A	4.3.0	4.4.0
RP-020018	R4-020015	25.123	144		R99	Requirements on UE TS ISCP measurement	F	3.8.0	3.9.0
RP-020018	R4-020029	25.123	158		Rel-4	Requirements on UE TS ISCP measurement	A	4.3.0	4.4.0
RP-020018	R4-020017	25.123	146		R99	Corrections to reporting requirements in CELL_FACH state	F	3.8.0	3.9.0
RP-020018	R4-020031	25.123	159		Rel-4	Corrections to reporting requirements in CELL_FACH state	A	4.3.0	4.4.0
RP-020018	R4-020021	25.123	150		R99	Corrections to Timing Advance requirements	F	3.8.0	3.9.0
RP-020018	R4-020047	25.123	162		Rel-4	Corrections to Timing Advance requirements	A	4.3.0	4.4.0
RP-020018	R4-020023	25.123	152		R99	Correction of OCNS level settings in Annex A test cases	F	3.8.0	3.9.0
RP-020018	R4-020049	25.123	164		Rel-4	Correction of OCNS level settings in Annex A test cases	A	4.3.0	4.4.0
RP-020018	R4-020388	25.123	141	1	R99	Introduction TDD/TDD Handover Test Cases	F	3.8.0	3.9.0
RP-020018	R4-020389	25.123	155	1	Rel-4	Introduction TDD/TDD Handover Test Cases	A	4.3.0	4.4.0
RP-020018	R4-020390	25.123	148	1	R99	Introduction TDD/FDD Handover Test Case	F	3.8.0	3.9.0
RP-020018	R4-020391	25.123	160	1	Rel-4	Introduction TDD/FDD Handover Test Case	A	4.3.0	4.4.0
RP-020018	R4-020398	25.123	151	1	R99	Introduction of Timing Advance Test Case	F	3.8.0	3.9.0
RP-020018	R4-020399	25.123	163	1	Rel-4	Introduction of Timing Advance Test Case	A	4.3.0	4.4.0
RP-020019	R4-020400	25.123	147	1	R99	Introduction of Test Case for correct event 1H/I reporting	F	3.8.0	3.9.0
RP-020019	R4-020401	25.123	167	1	Rel-4	Introduction of Test Case for correct event 1H/I reporting	A	4.3.0	4.4.0
RP-020019	R4-020431	25.123	145	1	R99	Corrections measurement requirements in CELL_DCH and CELL_FACH states	F	3.8.0	3.9.0

RP-020019	R4-020432	25.123	166	1	Rel-4	Corrections measurement requirements in CELL_DCH and CELL_FACH states	A	4.3.0	4.4.0
RP-020019	R4-020433	25.123	154	1	R99	Corrections to Idle Mode sections	F	3.8.0	3.9.0
RP-020019	R4-020434	25.123	168	1	Rel-4	Corrections to Idle Mode sections	A	4.3.0	4.4.0
RP-020028	R4-020153	25.123	174		Rel-4	Correction of 1.28Mcps TDD GSM cell re-selection test case	F	4.3.0	4.4.0
RP-020028	R4-020447	25.123	170	1	Rel-4	Chapter 8 measurements Cell-DCH	F	4.3.0	4.4.0
RP-020028	R4-020139	25.123	171		Rel-4	Chapter 8 measurements Cell-FACH	F	4.3.0	4.4.0
RP-020028	R4-020152	25.123	173		Rel-4	Correction of NodeB Synchronization mapping type 1 for 3.84Mcps TDD	F	4.3.0	4.4.0
RP-020028	R4-020195	25.123	176		Rel-4	Section 4 and 5 wording clarification for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020028	R4-020196	25.123	177		Rel-4	General corrections in section A4-A5 for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020028	R4-020197	25.123	178		Rel-4	Correction of RRC connection re-establishment section for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020028	R4-020140	25.123	172		Rel-4	Section 9 corrections	F	4.3.0	4.4.0

10 25.133

10.1 Status of the document

Work since last RAN meeting
- o Corrections to cell reselection requirements, RRC connection re-establishment requirements, inter frequency measurements.
- o Corrections of test cases.

Work not completed
- o Due to the recent instability of this specification RAN 4 should expect some more corrections in the next meeting.
- o The GPS code phase measurement requirements and test were first presented, but WG4 believes that this topic will not be solved before September.

10.2 Change Requests presented for approval (Rel99 Cat F & corresponding Rel-4, Rel-5 Cat A)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020020	R4-020109	25.133	256		R99	Clarification of measurement period for UTRA Carrier RSSI	F	3.8.0	3.9.0
RP-020020	R4-020110	25.133	257		Rel-4	Clarification of measurement period for UTRA Carrier RSSI	A	4.3.0	4.4.0
RP-020020	R4-020111	25.133	258		Rel-5	Clarification of measurement period for UTRA Carrier RSSI	A	5.1.0	5.2.0
RP-020020	R4-020240	25.133	303		R99	UTRAN GSM Cell Reselection	F	3.8.0	3.9.0
RP-020020	R4-020241	25.133	304		Rel-4	UTRAN GSM Cell Reselection	A	4.3.0	4.4.0
RP-020020	R4-020242	25.133	305		Rel-5	UTRAN GSM Cell Reselection	A	5.1.0	5.2.0
RP-020020	R4-020318	25.133	315		R99	Requirement for Blind HO from UTRAN to GSM (R99)	F	3.8.0	3.9.0
RP-020020	R4-020319	25.133	316		Rel-4	Requirement for Blind HO from UTRAN to GSM (Rel-4)	A	4.3.0	4.4.0
RP-020020	R4-020320	25.133	317		Rel-5	Requirement for Blind HO from UTRAN to GSM (Rel-5)	A	5.1.0	5.2.0
RP-020020	R4-020406	25.133	312	1	R99	Inclusion of AMR 2 requirement (R99)	F	3.8.0	3.9.0
RP-020020	R4-020407	25.133	313	1	Rel-4	Inclusion of AMR 2 requirement (Rel-4)	A	4.3.0	4.4.0
RP-020020	R4-020408	25.133	314	1	Rel-5	Inclusion of AMR 2 requirement (Rel-5)	A	5.1.0	5.2.0
RP-020020	R4-020415	25.133	291	1	R99	FDD inter frequency measurements and test cases	F	3.8.0	3.9.0
RP-020020	R4-020494	25.133	294	1	Rel-4	FDD inter frequency measurements and test cases	A	4.3.0	4.4.0
RP-020020	R4-020495	25.133	295	1	Rel-5	FDD inter frequency measurements and test cases	A	5.1.0	5.2.0
RP-020020	R4-020416	25.133	259	1	R99	Mapping of UE Rx-Tx time difference type 1	F	3.8.0	3.9.0
RP-020020	R4-020417	25.133	260	1	Rel-4	Mapping of UE Rx-Tx time difference type 1	A	4.3.0	4.4.0
RP-020020	R4-020418	25.133	261	1	Rel-5	Mapping of UE Rx-Tx time difference type 1	A	5.1.0	5.2.0
RP-020021	R4-020451	25.133	250	1	R99	FDD/FDD Soft Handover delay test case	F	3.8.0	3.9.0
RP-020021	R4-020452	25.133	251	1	Rel-4	FDD/FDD Soft Handover delay test case	A	4.3.0	4.4.0
RP-020021	R4-020453	25.133	252	1	Rel-5	FDD/FDD Soft Handover delay test case	A	5.1.0	5.2.0

RP-020021	R4-020454	25.133	253	1	R99	Inter-frequency hard handover test case	F	3.8.0	3.9.0
RP-020021	R4-020455	25.133	254	1	Rel-4	Inter-frequency hard handover test case	A	4.3.0	4.4.0
RP-020021	R4-020456	25.133	255	1	Rel-5	Inter-frequency hard handover test case	A	5.1.0	5.2.0
RP-020021	R4-020457	25.133	262	1	R99	Inter-frequency measurements in CELL_FACH	F	3.8.0	3.9.0
RP-020021	R4-020458	25.133	263	1	Rel-4	Inter-frequency measurements in CELL_FACH	A	4.3.0	4.4.0
RP-020021	R4-020459	25.133	264	1	Rel-5	Inter-frequency measurements in CELL_FACH	A	5.1.0	5.2.0
RP-020021	R4-020478	25.133	277	1	R99	Corrections to RRC connection re-establishment requirement	F	3.8.0	3.9.0
RP-020021	R4-020479	25.133	278	1	Rel-4	Corrections to RRC connection re-establishment requirement	A	4.3.0	4.4.0
RP-020021	R4-020486	25.133	279	1	Rel-5	Corrections to RRC connection re-establishment requirement	A	5.1.0	5.2.0
RP-020021	R4-020480	25.133	280	1	R99	Corrections to RRC connection re-establishment test cases	F	3.8.0	3.9.0
RP-020021	R4-020481	25.133	281	1	Rel-4	Corrections to RRC connection re-establishment test cases	A	4.3.0	4.4.0
RP-020021	R4-020482	25.133	282	1	Rel-5	Corrections to RRC connection re-establishment test cases	A	5.1.0	5.2.0
RP-020021	R4-020483	25.133	283	1	R99	Correction of hard handover test cases	F	3.8.0	3.9.0
RP-020021	R4-020484	25.133	284	1	Rel-4	Correction of hard handover test cases	A	4.3.0	4.4.0
RP-020021	R4-020485	25.133	285	1	Rel-5	Correction of hard handover test cases	A	5.1.0	5.2.0
RP-020022	R4-020493	25.133	307	1	R99	Correction of power spectral density	F	3.8.0	3.9.0
RP-020022	R4-020297	25.133	310		Rel-4	Correction of power spectral density	A	4.3.0	4.4.0
RP-020022	R4-020298	25.133	311		Rel-5	Correction of power spectral density	A	5.1.0	5.2.0
RP-020022	R4-020496	25.133	292	1	R99	UE Tx Timing in soft handover	F	3.8.0	3.9.0
RP-020022	R4-020497	25.133	296	1	Rel-4	UE Tx Timing in soft handover	A	4.3.0	4.4.0
RP-020022	R4-020498	25.133	297	1	Rel-5	UE Tx Timing in soft handover	A	5.1.0	5.2.0
RP-020022	R4-020499	25.133	325		R99	Corrections to section 9	F	3.8.0	3.9.0
RP-020022	R4-020500	25.133	326		Rel-4	Corrections to section 9	A	4.3.0	4.4.0
RP-020022	R4-020501	25.133	327		Rel-5	Corrections to section 9	A	5.1.0	5.2.0
RP-020022	R4-020506	25.133	328		R99	Correction of Cell Reselection in idle mode test case	F	3.8.0	3.9.0

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020022	R4-020507	25.133	329		Rel-4	Correction of Cell Reselection in idle mode test case	A	4.3.0	4.4.0
RP-020022	R4-020508	25.133	330		Rel-5	Correction of Cell Reselection in idle mode test case	A	5.1.0	5.2.0
RP-020022	R4-020509	25.133	268	1	R99	Correction of Cell reselection in CELL FACH	F	3.8.0	3.9.0
RP-020022	R4-020510	25.133	269	1	Rel-4	Correction of Cell reselection in CELL FACH	A	4.3.0	4.4.0
RP-020022	R4-020511	25.133	270	1	Rel-5	Correction of Cell reselection in CELL FACH	A	5.1.0	5.2.0
RP-020022	R4-020513	25.133	300	1	R99	SFN decoding for identification of a new cell	F	3.8.0	3.9.0
RP-020022	R4-020514	25.133	301	1	Rel-4	SFN decoding for identification of a new cell	A	4.3.0	4.4.0
RP-020022	R4-020515	25.133	302	1	Rel-5	SFN decoding for identification of a new cell	A	5.1.0	5.2.0

11 25.141

11.1 Status of the document

- Corrections
  - All CRs are essential clarifications without which it would be possible to misinterpret the specifications.
- Remaining issues
  - CRs 195, 196 & 197 were agreed at WG4 meeting as they are presented in RP-020024. However, after WG4 meeting there was an email discussion concluding that these CRs needs to be revised; it is unclear in one of the clauses what the test requirements are. Document RP-020115 proposes revised versions of these CRs removing the ambiguity.
  - It was proposed to add the test case for the UTRAN measurement Transmitted Carrier Power. WG4 had agreed long time ago not to add test cases for UTRAN measurements, but it seems that there are opposed positions now. WG4 would like to ask RAN for guidance.

11.2 Change Requests presented for approval (Rel99 Cat F & corresponding Rel-4, Rel-5 Cat A; Rel-4 Cat F & corresponding Rel-5 Cat A)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020023	R4-020097	25.141	147		R99	Frequency error and Test model 4	F	3.8.0	3.9.0
RP-020023	R4-020098	25.141	148		Rel-4	Frequency error and Test model 4	A	4.3.0	4.4.0
RP-020023	R4-020099	25.141	149		Rel-5	Frequency error and Test model 4	A	5.1.0	5.2.0

RP-020023	R4-020100	25.141	150		R99	The definition of AWGN interferer	F	3.8.0	3.9.0
RP-020023	R4-020101	25.141	151		Rel-4	The definition of AWGN interferer	A	4.3.0	4.4.0
RP-020023	R4-020102	25.141	152		Rel-5	The definition of AWGN interferer	A	5.1.0	5.2.0
RP-020023	R4-020164	25.141	153		R99	Single and Multicarrier in spurious emission requirements	F	3.8.0	3.9.0
RP-020023	R4-020165	25.141	154		Rel-4	Single and Multicarrier in spurious emission requirements	A	4.3.0	4.4.0
RP-020023	R4-020166	25.141	155		Rel-5	Single and Multicarrier in spurious emission requirements	A	5.1.0	5.2.0
RP-020023	R4-020301	25.141	177		R99	Maintenance of annex E, Global In-Channel TX-Test	F	3.8.0	3.9.0
RP-020023	R4-020302	25.141	178		Rel-4	Maintenance of annex E, Global In-Channel TX-Test	A	4.3.0	4.4.0
RP-020023	R4-020303	25.141	179		Rel-5	Maintenance of annex E, Global In-Channel TX-Test	A	5.1.0	5.2.0
RP-020023	R4-020328	25.141	190		R99	Correction of EVM test procedure	F	3.8.0	3.9.0
RP-020023	R4-020329	25.141	191		Rel-4	Correction of EVM test procedure	A	4.3.0	4.4.0
RP-020023	R4-020330	25.141	192		Rel-5	Correction of EVM test procedure	A	5.1.0	5.2.0
RP-020023	R4-020424	25.141	159	1	R99	Correction for FCC emission mask and frequency raster for band b (UMTS1900)	F	3.8.0	3.9.0
RP-020023	R4-020425	25.141	160	1	Rel-4	Correction for FCC emission mask and frequency raster for band b (UMTS1900)	A	4.3.0	4.4.0
RP-020024	R4-020426	25.141	187	1	R99	Correction of transmit inter modulation test method	F	3.8.0	3.9.0
RP-020024	R4-020427	25.141	188	1	Rel-4	Correction of transmit inter modulation test method	A	4.3.0	4.4.0
RP-020024	R4-020428	25.141	189	1	Rel-5	Correction of transmit inter modulation test method	A	5.1.0	5.2.0
RP-020024	R4-020468	25.141	144	1	R99	Removal of BS conformance tests in SSDT mode	F	3.8.0	3.9.0
RP-020024	R4-020469	25.141	145	1	Rel-4	Removal of BS conformance tests in SSDT mode	A	4.3.0	4.4.0
RP-020024	R4-020470	25.141	146	1	Rel-5	Removal of BS conformance tests in SSDT mode	A	5.1.0	5.2.0
RP-020024	R4-020491	25.141	171	1	R99	Correction of power terms and definitions	F	3.8.0	3.9.0
RP-020024	R4-020291	25.141	173		Rel-4	Correction of power terms and definitions	A	4.3.0	4.4.0
RP-020024	R4-020292	25.141	174		Rel-5	Correction of power terms and definitions	A	5.1.0	5.2.0
RP-020024	R4-020503	25.141	195	1	R99	TBD on test tolerances	F	3.8.0	3.9.0
RP-020024	R4-020504	25.141	196	1	Rel-4	TBD on test tolerances	A	4.3.0	4.4.0
RP-020024	R4-020505	25.141	197	1	Rel-5	TBD on test tolerances	A	5.1.0	5.2.0

RP-020029	R4-020176	25.141	163		Rel-4	Fading generator for RACH preamble detection and RACH message demodulation	F	4.3.0	4.4.0
RP-020029	R4-020177	25.141	164		Rel-5	Fading generator for RACH preamble detection and RACH message demodulation	A	5.1.0	5.2.0

12 25.142

12.1 Status of the document

- Corrections
  - All CRs are essential clarifications without which it would be possible to misinterpret the specifications.
- Remaining issues
  - None

12.2 Change Requests presented for approval (Rel99 Cat F & corresponding Rel-4 Cat A)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver
RP-020025	R4-020252	25.142	99		R99	Single and multi carrier in spurious emissions conformance testing	F	3.8.0	3.9.0
RP-020025	R4-020253	25.142	100		Rel-4	Single and multi carrier in spurious emissions conformance testing	A	4.3.0	4.4.0
RP-020025	R4-020304	25.142	106		R99	Maintenance of annex C, Global In-Channel TX-Test	F	3.8.0	3.9.0
RP-020025	R4-020305	25.142	107		Rel-4	Maintenance of annex C, Global In-Channel TX-Test	A	4.3.0	4.4.0
RP-020025	R4-020412	25.142	96	1	R99	Consideration of multi-carrier operation in ACLR conformance testing	F	3.8.0	3.9.0
RP-020025	R4-020413	25.142	97	1	Rel-4	Consideration of multi-carrier operation in ACLR conformance testing	A	4.3.0	4.4.0
RP-020025	R4-020442	25.142	102	1	R99	Correction of transmit intermodulation conformance testing	F	3.8.0	3.9.0
RP-020025	R4-020443	25.142	103	1	Rel-4	Correction of transmit intermodulation conformance	A	4.3.0	4.4.0

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr	New
						testing			
RP-020030	R4-020254	25.142	101		Rel-4	Single and multi carrier in spurious emissions conformance testing for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020030	R4-020444	25.142	104	1	Rel-4	Correction of transmit intermodulation conformance testing for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020030	R4-020414	25.142	98	1	Rel-4	Consideration of multi-carrier operation in ACLR conformance testing for 1.28 Mcps TDD option	F	4.3.0	4.4.0
RP-020030	R4-020396	25.142	95	1	Rel-4	Amendment for BS Spectrum Emission Mask Test of 1.28Mcps TDD Option	F	4.3.0	4.4.0
RP-020030	R4-020395	25.142	94	1	Rel-4	Amendment for BS ACLR2 test of 1.28 Mcps TDD option	F	4.3.0	4.4.0

13 25.143

13.1 Status of the document

- Corrections
  - The CR is an essential clarification without which it would be possible to misinterpret the specifications.
- Remaining issues
  - See 25.106

13.2 Change Requests presented for approval (Rel-4 Cat F)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr	New
RP-020031	R4-020270	25.143	6		Rel-4	Correction of initial conditions in Spectrum emission	F	4.2.0	4.3.0

14 25.941

14.1 Status of the document

Document is stable and complete.

14.2 Change Requests presented for approval

None

15 25.942

15.1 Status of the document

Document is stable and complete.

15.2 Change Requests presented for approval

None

16 25.943

16.1 Status of the document

Document is stable and complete.

16.2 Change Requests presented for approval

None

17 25.945

17.1 Status of the document

Document is stable and complete.

17.2 Change Requests presented for approval

None.

18 Concluding remarks

RAN WG4 has achieved considerable progress in our work over the last RAN meeting, and all companies and delegates must be acknowledged for their hard work and fruitful collaboration.

19 Release 5 CRs (others than Cat A)

The following table is an informative summary of all the CRs presented to Release 5 specifications with no relation to Rel99 or Rel4 CRs. These CRs will be presented to TSG RAN under their respective agenda items (9.X)

RAN Tdoc	RAN4 Tdoc	Spec	CR	Rev	Phase	Title	Cat	Curr Ver	New Ver	Acronym
RP-020039	R4-020365	25.101	145	1	Rel-5	Correction of Change of TFC	F	5.1.0	5.2.0	TEI5
RP-020034	R4-020180	25.101	148		Rel-5	Corrections to UMTS1800/1900 requirements	F	5.1.0	5.2.0	RinImp-UMTS18, RinImp-UMTS19
RP-020034	R4-020183	25.101	149		Rel-5	Additional spurious emission requirements for band III	B	5.1.0	5.2.0	RinImp-UMTS18
RP-020039	R4-020420	25.104	105	2	Rel-5	Correction of reference measurement channel for 2048 kbps	F	5.1.0	5.2.0	TEI5
RP-020034	R4-020181	25.104	108		Rel-5	Corrections to UMTS1800/1900 requirements	F	5.1.0	5.2.0	RinImp-UMTS18, RinImp-UMTS19
RP-020035	R4-020182	25.104	109		Rel-5	Co-existence with GSM850 for band II operations	B	5.1.0	5.2.0	RinImp-UMTS19
RP-020039	R4-020377	25.104	113	1	Rel-5	Correction to units in spectrum emission mask	F	5.1.0	5.2.0	TEI5

RP-020038	R4-020475	25.104	120	1	Rel-5	Regional requirement on HSDPA	D	5.1.0	5.2.0	HSDPA-RF
RP-020039	R4-020378	25.105	107		Rel-5	Correction to units in spectrum emission mask	F	4.3.0	5.0.0	TEI5
RP-020032	R4-020381	25.105	108		Rel-5	Correction to units in Spectrum emission mask for 1.28 Mcps TDD option	F	4.3.0	5.0.0	LCRTDD-RF
RP-020033	R4-020462	25.106	4		Rel-5	Correction to units in Spectrum emission mask	F	4.2.0	5.0.0	RInImp-REP
RP-028037	R4-020512	25.123	169	1	Rel-5	UE Positioning enhancements for 1.28 Mcps TDD	B	4.4.0	5.0.0	LCS-128Pos
RP-020036	R4-020155	25.123	175		Rel-5	NodeB Synchronisation Measurements performance requirements for 1.28Mcps TDD	B	4.4.0	5.0.0	RANimp-NBSLCR
RP-020039	R4-020402	25.123	181		Rel-5	Corrections to Event-Triggering and Reporting Criteria in CELL_DCH	F	4.4.0	5.0.0	TEI5
RP-020039	R4-020419	25.133	246	1	Rel-5	Test description addition to chapter 9.2	F	5.1.0	5.2.0	TEI5
RP-020039	R4-020421	25.141	158	1	Rel-5	Correction of reference measurement channel for 2048 kbps	F	5.1.0	5.2.0	TEI5
RP-020039	R4-020379	25.141	167	1	Rel-5	Correction to units in spectrum emission mask	F	5.1.0	5.2.0	TEI5
RP-020034	R4-020446	25.141	186	1	Rel-5	REL-5 frequency band restructure and essential corrections for Band II and Band III	B	5.1.0	5.2.0	RInImp-UMTS18
RP-02038	R4-020476	25.141	193	1	Rel-5	Regional requirement on HSDPA	D	5.1.0	5.2.0	HSDPA-RF
RP-020035	R4-020362	25.141	194		Rel-5	Addition of requirements for GSM850 co-sitting	B	5.1.0	5.2.0	RInImp-UMTS19
RP-020039	R4-020380	25.142	110		Rel-5	Correction to units in spectrum emission mask	F	4.3.0	5.0.0	TEI5
RP-020032	R4-020382	25.142	111		Rel-5	Correction to units in Spectrum emission mask for 1.28 Mcps TDD option	F	4.3.0	5.0.0	LCRTDD-RF
RP-020033	R4-020463	25.143	7		Rel-5	Correction to units in Spectrum emission mask	F	4.2.0	5.0.0	RInImp-REP

20 RAN WG4 meetings in 2002

Meeting No.	Date	Host	Location
RAN WG4 #22	3-5 April 2002	ETSI	Sophia Antipolis, France
RAN WG4 #22	13-17 May 2002	Samsung	Korea
RAN WG4 #23	12-16 August 2002	Nokia	Finland
RAN WG4 #24	11-15 November 2002	3GPP friends	US